



LEGEND

PURCELL (HELIKIAN)

Hd DUTCH CREEK FORMATION: grey, green and black argillite and slate, buff dolomitic slate; thin-bedded, buff weathering dolomite, green, argillaceous quartzite

Hmn MOUNT NELSON FORMATION: buff weathering grey, cream and purple dolomite and dolomitic limestone, purple, grey and black argillite and slate; white quartzite

WINDERMERE (HADRYNIAN)

Ht TOBY FORMATION: pebble, cobble, and boulder polymictic conglomerate and breccia (matrix variously of quartzite, argillite and limestone)

Hh HORSETHIEF CREEK GROUP: Grey, black, and green slate and argillite, quartz pebble conglomerate, quartzite, feldspathic quartzite and grit; red slate and arenaceous slate; minor blue-grey and black limestone

CAMBRIAN AND ORDOVICIAN

€Om MCKAY GROUP: Blue-grey limestone, argillaceous limestone, dark shale; intra-formational limestone conglomerate

MIDDLE AND/OR UPPER CAMBRIAN

€J JUBILEE (OTTERTAIL) FORMATION: thinly laminated and massive dolomite

LOWER CAMBRIAN

1€c CRANBROOK (GOG) FORMATION: cross-bedded white and purple quartzite and grit; minor pebbly quartzite arenaceous purple shale

ORDOVICIAN AND SILURIAN

OSb BEAVERFOOT FORMATION: massive, light grey weathering dolomite and dolomitic limestone

DEVONIAN

Dmf MOUNT FORSTER FORMATION: bright red and green argillite; brown weathering limestone

CRETACEOUS

Kqm Quartz monzonite
Granodiorite

QUATERNARY

Q Unconsolidated sediments: silt, sand and gravel

Geological contact
Height of land

Geology by J.E. Reesor, 1972

From G.S.C. Map 1326A, Lardeau (East Half)

Base-map from British Columbia Forestry Maps FB2 K/7,9, and 10 (reduced) at the scale of 1 inch to 1/2 mile

Samples collected by S.B. Ballantyne and K. Bottrill

Uranium analysis done by the fluorimetric technique at the Geological Survey of Canada, Geochemistry Laboratory, Ottawa

U content in ppb + 34.0

URANIUM (ppb) IN STREAM WATERS
**GEOCHEMICAL ORIENTATION SURVEYS FOR URANIUM
 IN SOUTHERN BRITISH COLUMBIA, 1975**

By S.B. Ballantyne
 Geological Survey of Canada

OPEN FILE
 DOSSIER PUBLIC
 341
 DEC 1976
 GEOLOGICAL SURVEY
 COMMISSION GEOLOGIQUE
 OTTAWA

MAP D VI